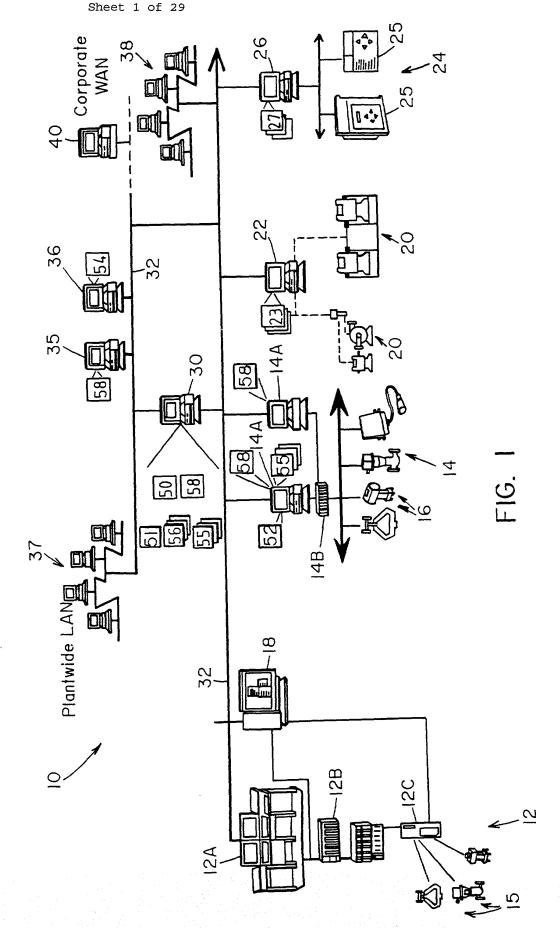
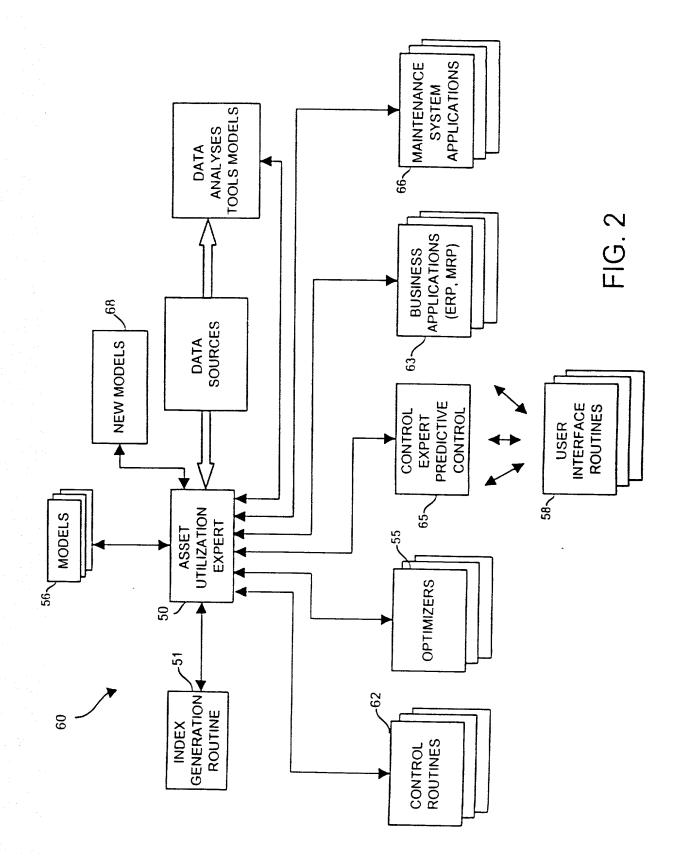
Attorney/Docket 30203/37167A Inventors: Eryurek et al. Title: "CREATION AND DISPLAY OF INDICES WITHIN A PROCESS PLANT"



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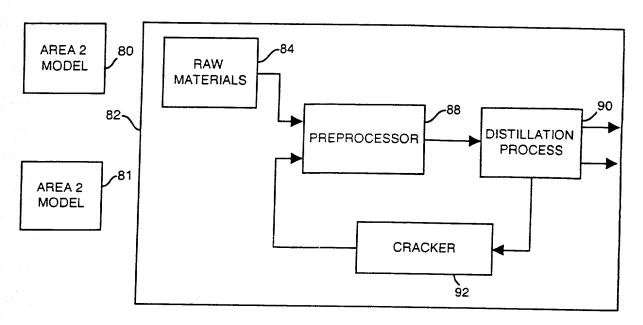


FIG. 3

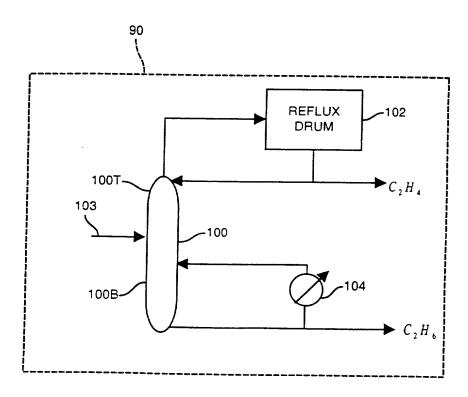


FIG. 4



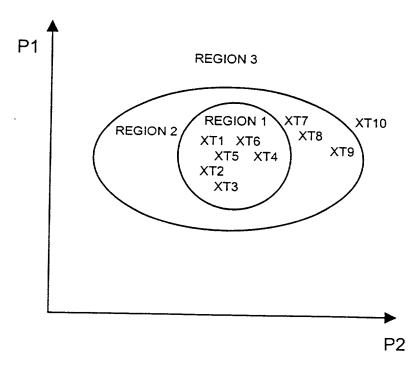
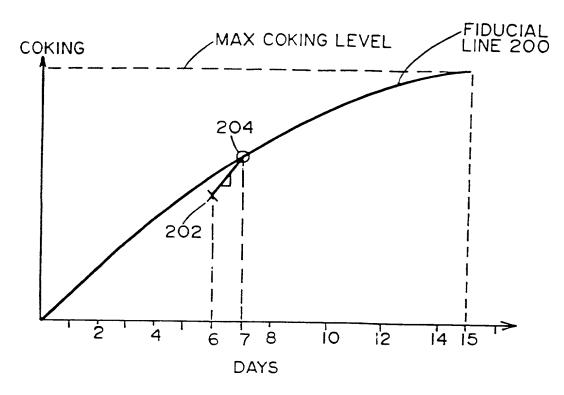


FIG. 5

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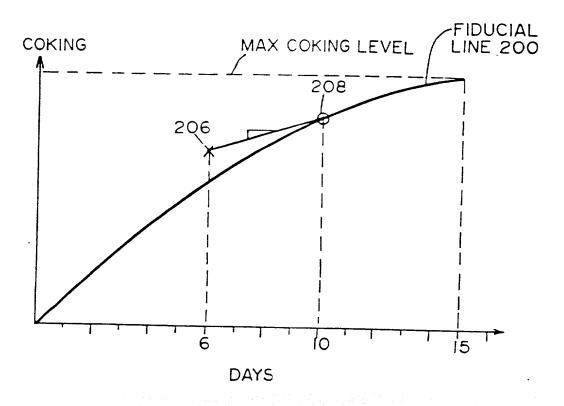
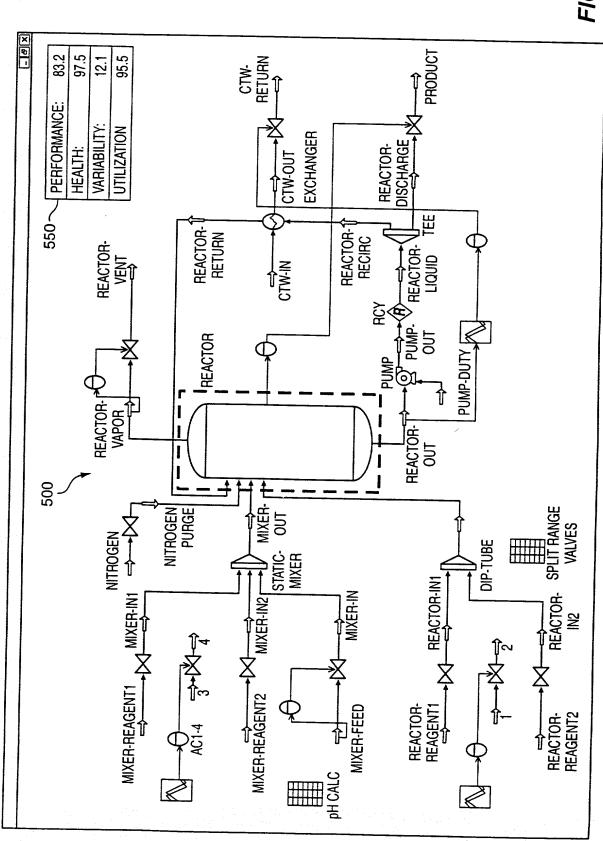


FIG. 7

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FIG. 8



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	PI	VI	HI	l UI l
Unit	x		x	x
Sup Unit	×		×	x
Loop		×	х	×
Device		x	x	
				i

FIG. 9

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PERFORMANCE FOR FCCU: 83.2

	Loop Name	Index	Weight
FIC-101	88	3	
	89	3	
-	LIC-111	88	3
	FIC-111	60	3
	FIC-112	80	1
	TCI-222	87	1
575	FIC-101	88	3
TIC-111 LIC-111	TIC-111	89	3
	LIC-111	88	3
	FIC-111	60	3
FIC-112 TIC-222	FIC-112	80	1
	TIC-222	87	1
	PIC-111	87	1
			

FIG. 10

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FCCU Health: 97.5

Device Name	Index	Description	Weight
FV-111	100	Leaking	3
TI-111	98	Sticktion	3
LI-111	90	40	3
MC-101	95	Will burn up in 2 weeks	3
FV-111	96	0	1

FIG. 11

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FCCU Variability: 12.1

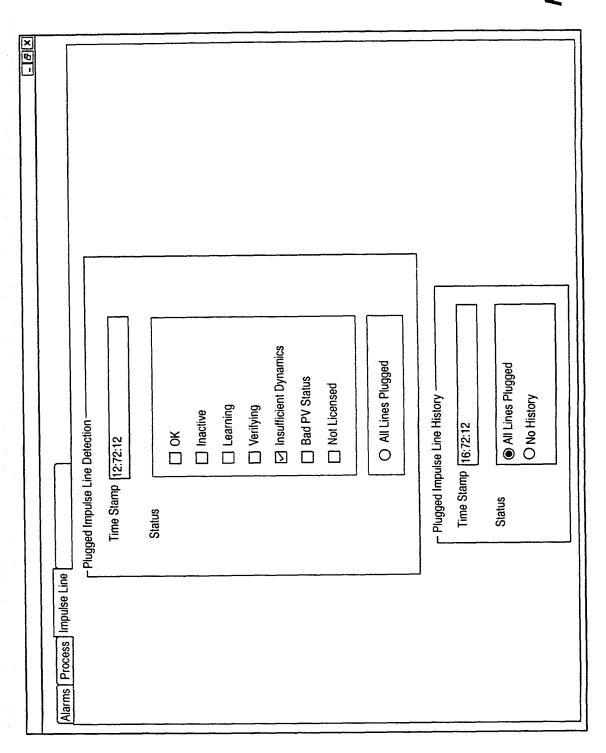
Device Name	Index	Weight
FV-101	0	3
TI-111	2	3
LI-111	40	3
FV-111	0	3
FV-112	0	1
TI-222	2	1
FI-101	7	3
TI-111	6	3
LI-111	7	3
FI-111	7	3
Fl-112	7	1
TI-222	7	1
Sub unit: Reboiler RB101	15	2

FIG. 12

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Zoom Out Reference 85 Actuator 65 Valve Travel (deg) Notes Add Overlay Analyzed 25 Data Points Graph View Full Screen Config 39 29 Actuator Pressure (psi)

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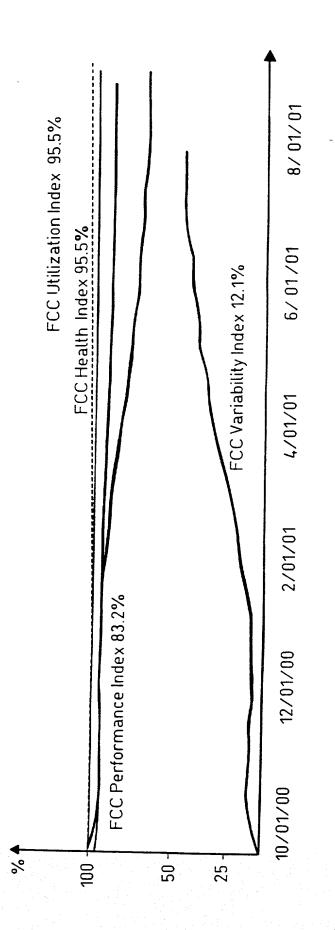
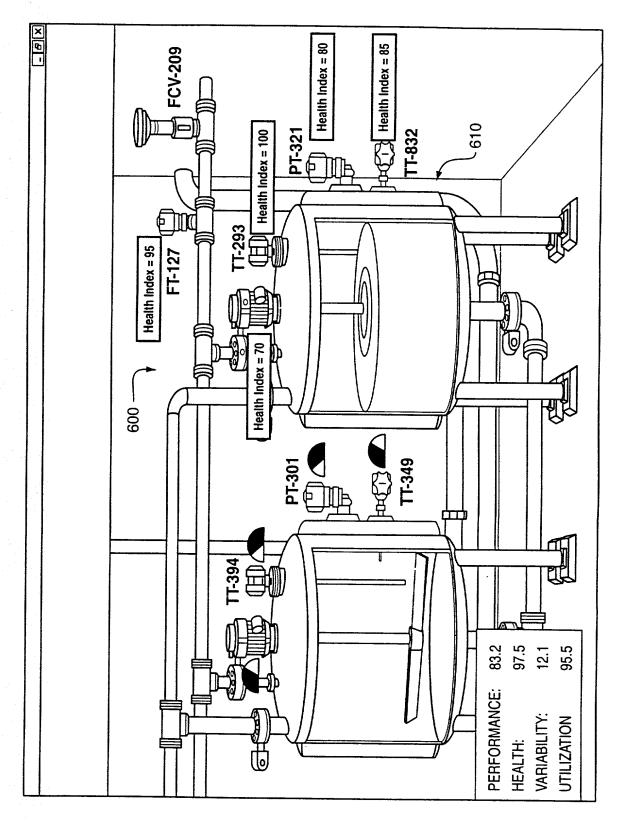


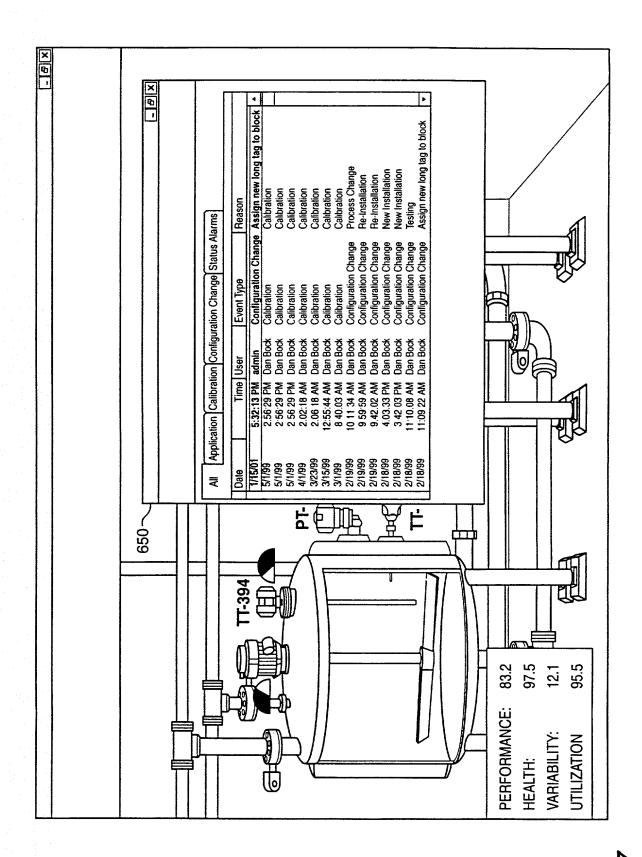
FIG. 15

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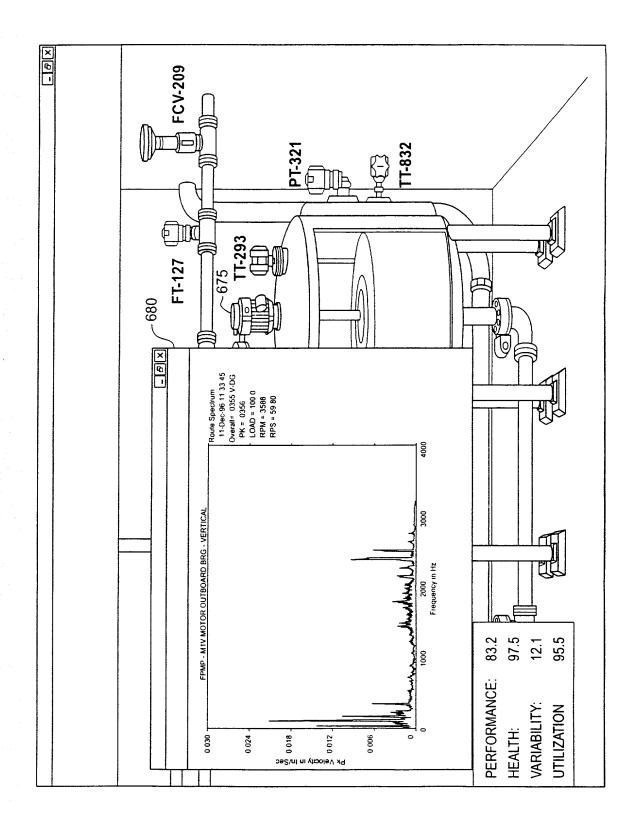


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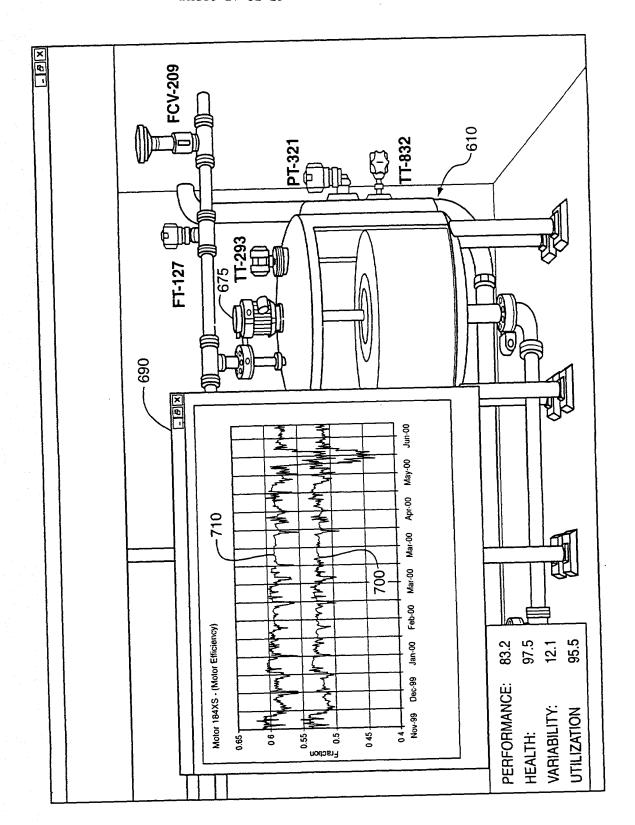
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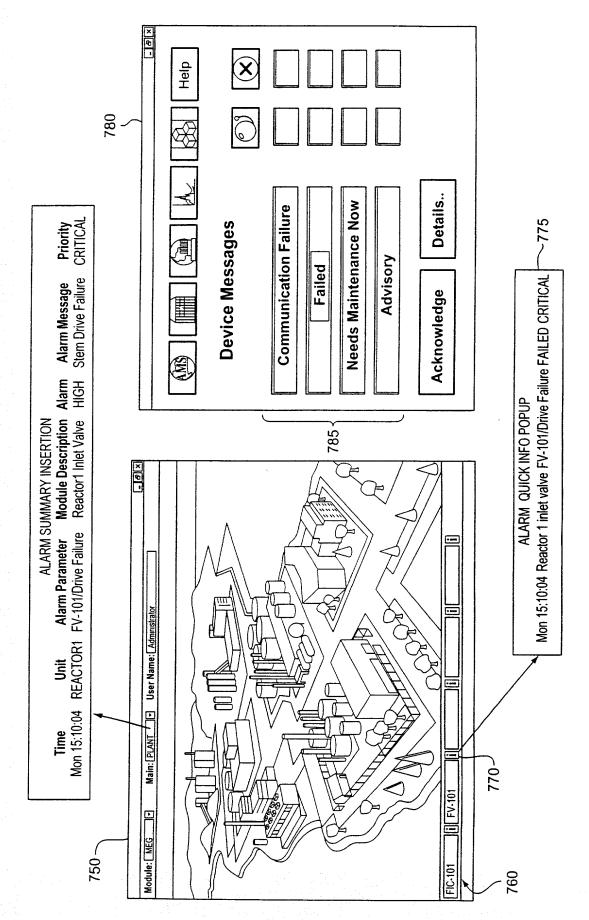


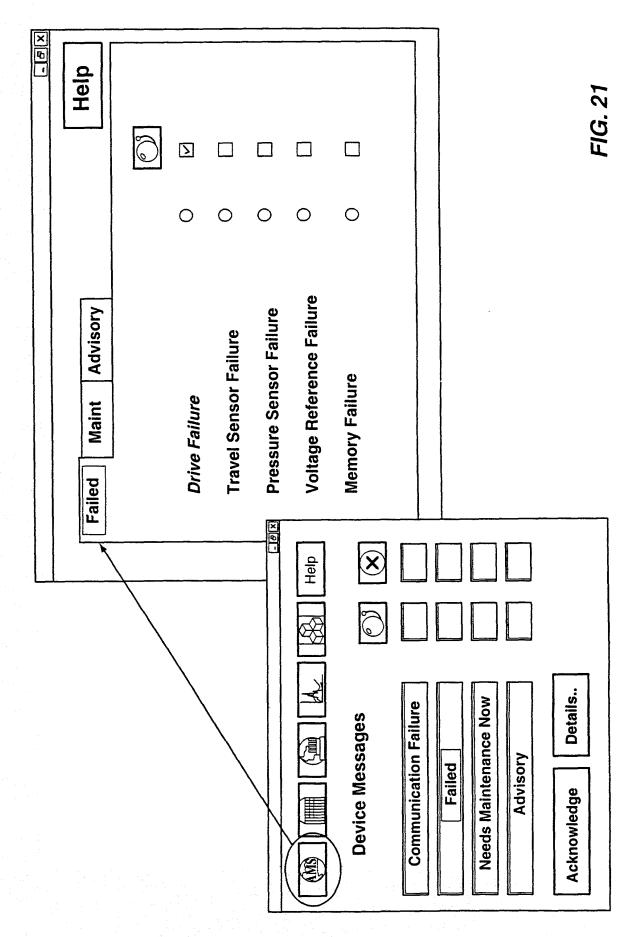
FIG. 20

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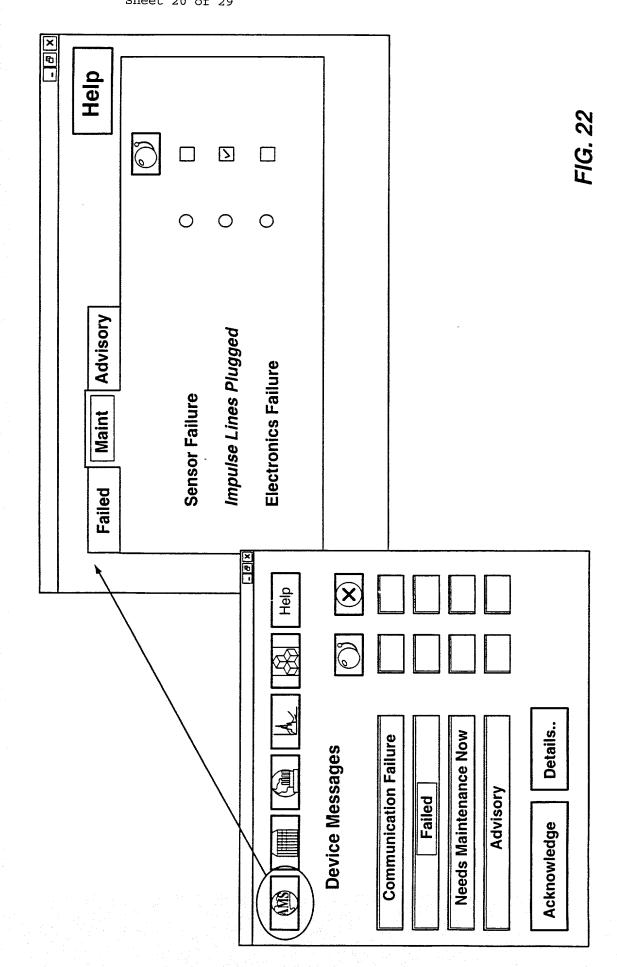
Title: "CREATION AND DISPLAY OF INDICES

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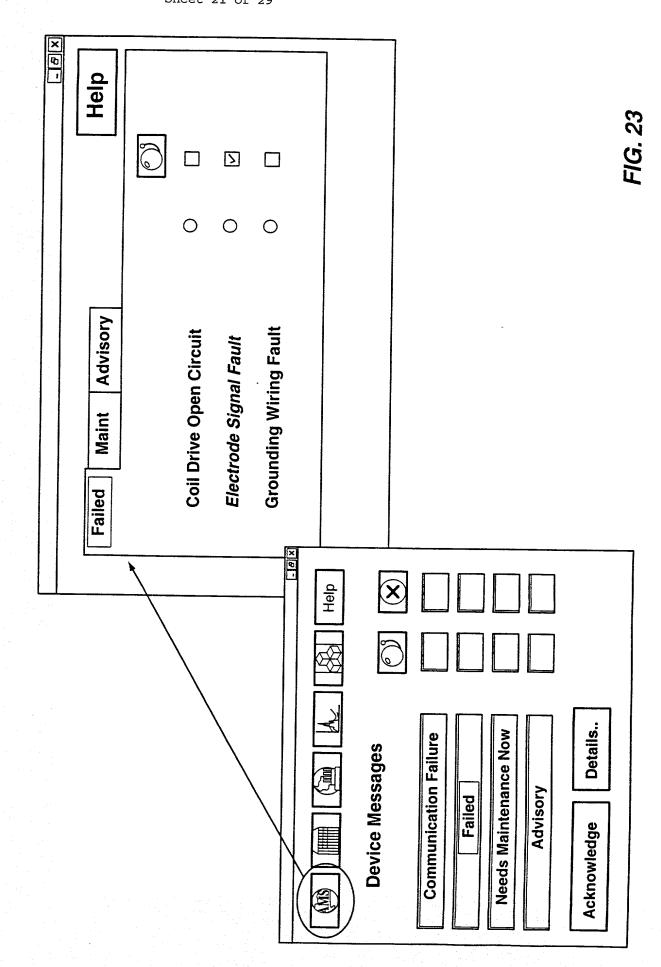
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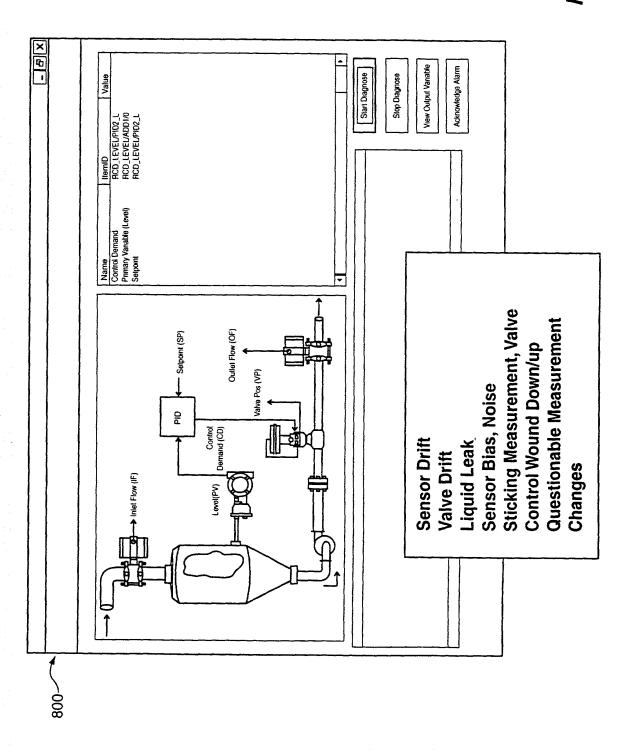
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WARNING! The electrode compartment may contain line pressure. Reomoving dial on the 8714 should be set at 9.1 m/s (30 ft/sec). The transmitter should The flow signal has been compromised. The process variable is likely reading Remove any moisture or contamination in the flowtube terminal block or, electrode (18 or 19) is greater than 2 kohms and rises. For more detailed electrode, grounding rings with grounding straps, or lining protector with To turn off electrode signal fault detection, go to the diagnostic screen in the the flowtube. Corresponding terminal block numbers in the flowtube and Properly connect the wiring between the flowtube and the transmitter on reading between coil ground (ground symbol) and coil (1 or 2) is infinity Verify transmitter electronics with Model 8714 reference standard. The Confirm the resistance reading between electrode ground (17) and an Verify flowtube is electrically connected to the process with grounding Perform flowtube electrical resistance tests. Confirm the resistance the cover before depressurizing may result in death or serious injury. be set up with the nominal flowtube calibration number (1000015010000000) and 5 Hz coil drive frequency. information, consult the flowtube product manual. if applicable, the sealed electrode compartments. ransmitter must be connected. Electrode Signal Fault Detected ransducer block properties. grounding straps. less than expected. -- તાં က က် 4. Help Σ 0 0 0 Maint Advisory **Grounding Wiring Fault** Coil Drive Open Circuit Electrode Signal Fault Failed

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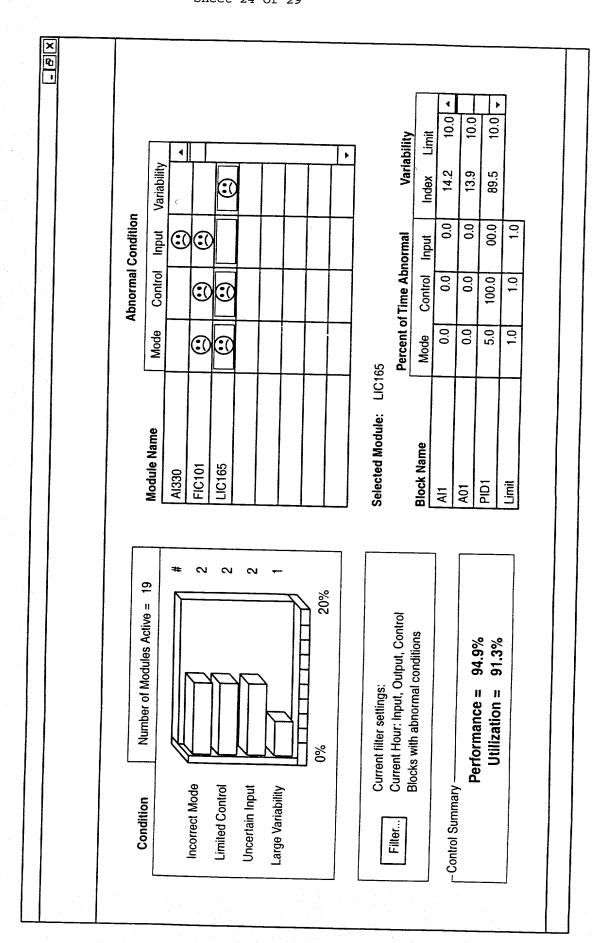


FIG. 26

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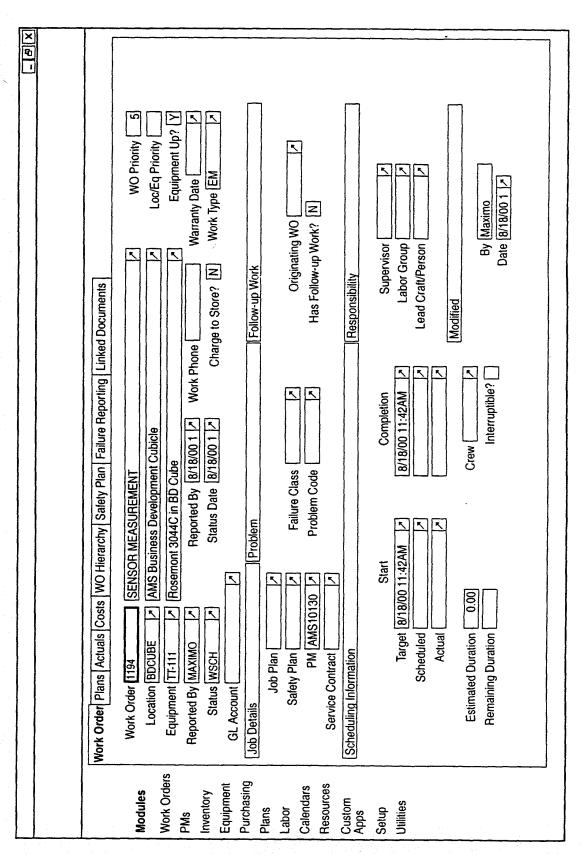


FIG. 27

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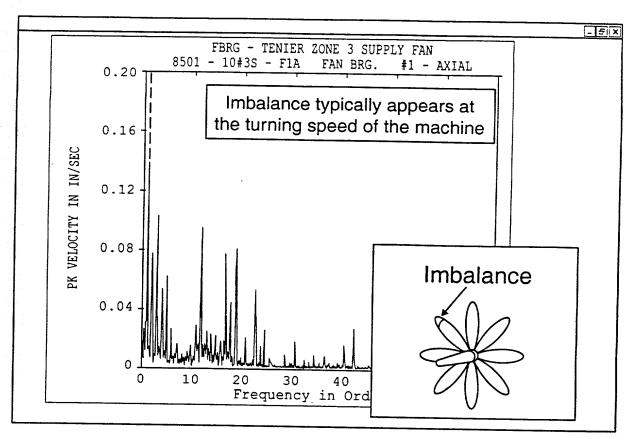


FIG. 28

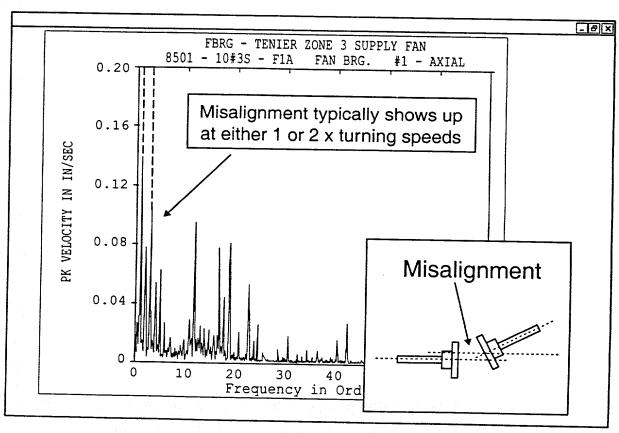


FIG. 29

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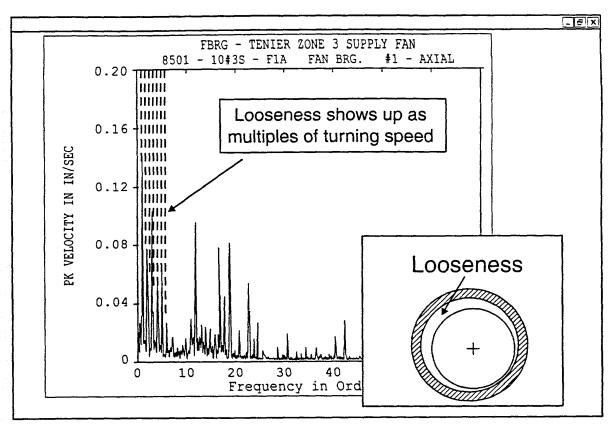


FIG. 30

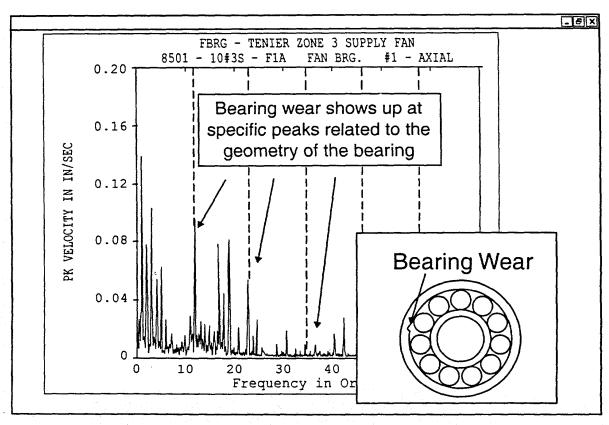
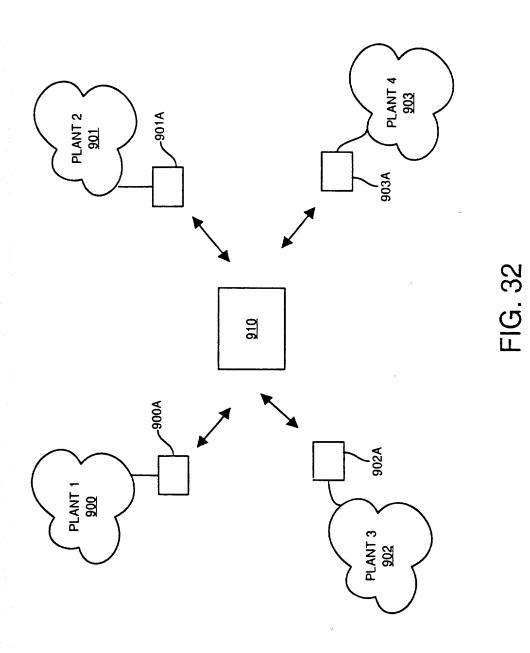


FIG. 31

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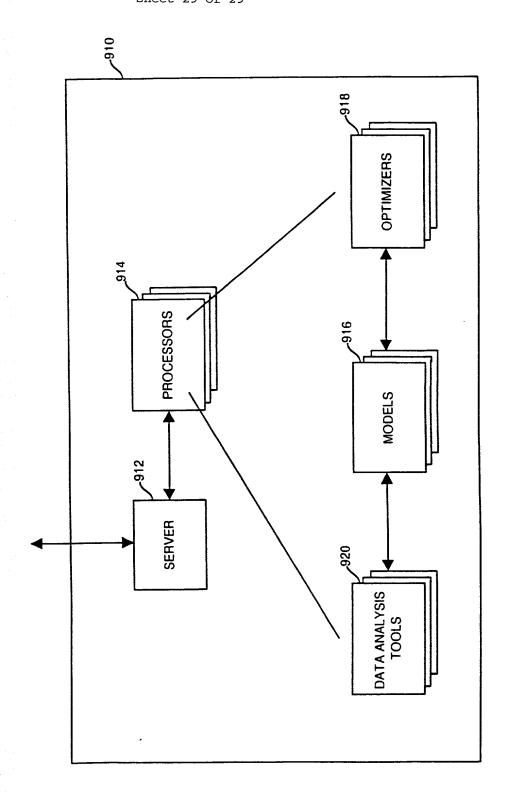


FIG. 33